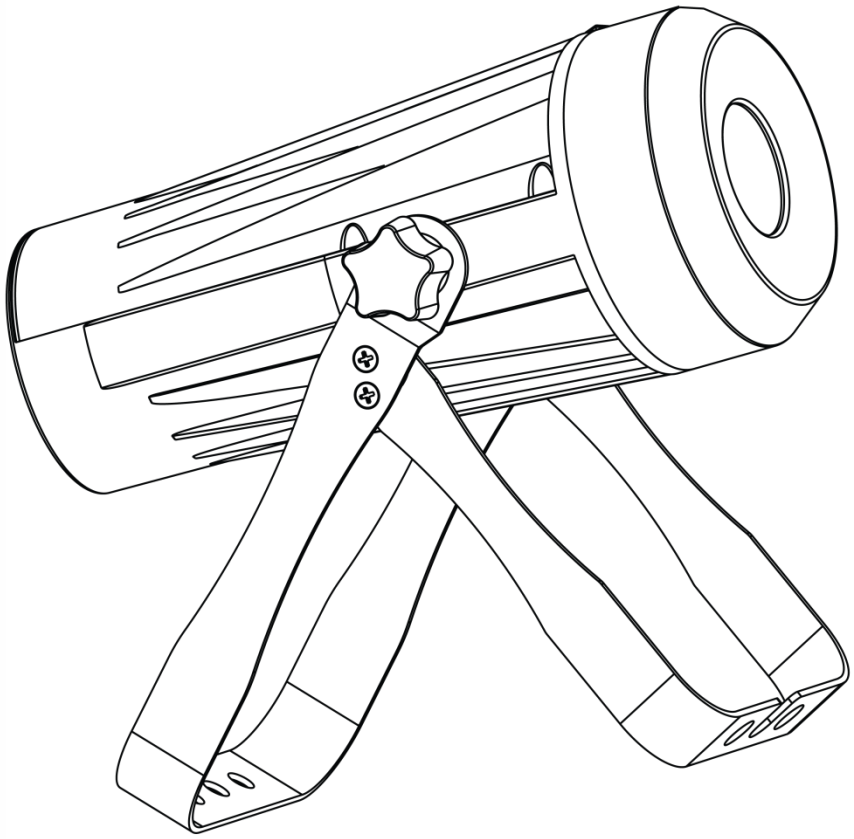
COLORADO™ DÉCO QUAD-1 TOUR

User Manual



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Edition Notes

The COLORado™ Déco Quad-1 Tour User Manual Rev. 2 covers the description, safety precautions, installation, programming, operation, and maintenance of the COLORado™ Déco Quad-1 Tour. CHAUVET® released this edition of the COLORado™ Déco Quad-1 Tour User Manual in January 2014.

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Document Printing

For better results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure your printer to scale the content accordingly.

Intended Audience

Any person in charge of installing, operating, and/or maintaining this product should completely read through the guide that shipped with the product, as well as this manual, before installing, operating, or maintaining this product.

Disclaimer

CHAUVET® believes that the information contained in this manual is accurate in all respects. However, CHAUVET® assumes no responsibility for any errors or omissions in this document. CHAUVET® reserves the right to revise and make changes to the content of this document without obligation that CHAUVET® notify any person or company of such revision or changes. This does not in any way constitute a commitment by CHAUVET® to make such changes. CHAUVET® may issue a revision of this manual or a new edition to incorporate such changes.

Document Revision

The COLORado™ Déco Quad-1 Tour User Manual Rev. 2 supersedes all previous versions of this manual. Discard any older versions of this manual you may have, whether in printed or electronic format, and replace with this version.

Author	Date	Editor	Date
A. Leon	01/24/14	x. xxxx	xx/xx/14

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1. Before You Begin

What Is Included

- One COLORado™ Déco Quad-1 Tour
- One Safety Cable
- One Warranty Card
- One Quick Reference Guide

Claims

Carefully unpack the product immediately and check the box to make sure all the parts are in the package and are in good condition.

If the box or the contents (the product and included accessories) appear damaged from shipping or show signs of mishandling, notify the carrier immediately, not CHAUVET®. Failure to report damage to the carrier immediately may invalidate your claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with CHAUVET® within 7 days of delivery.

Manual Conventions

Convention	Meaning
1–512	A range of values in the text
50/60	A set of mutually exclusive values in the text
<SET>	A button on the product's control panel
Settings	A product function or a menu option
MENU>Settings	A sequence of menu options
1–10	A range of menu values from which to choose in a menu
Yes/No	A set of two mutually exclusive menu options in a menu
ON	A unique value to be entered or selected in a menu

Symbols

Symbols	Meaning
	Critical installation, configuration, or operation information. Failure to comply with this information may cause the product not to work, damage third-party equipment, or cause harm to the operator.
	Important installation or configuration information. Failure to comply with this information may keep the product from working.
	Useful information.

The term "DMX" used throughout this manual refers to the USITT DMX512-A digital data transmission protocol.

Product at a Glance

Use on Dimmer	X	Auto Programs	P
Outdoor Use	X	Auto-Ranging Power Supply	P
Sound-Activated	X	Replaceable Fuse	X
DMX	P	User-Serviceable	X
Master/Slave	P	Duty Cycle	X

Safety Notes

Read all the following Safety Notes before working with this product. These notes include important information about the installation, usage, and maintenance of this product.

This product contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained CHAUVET® certified technicians. Do not open the housing or attempt any repairs.

All applicable local codes and regulations apply to proper installation of this product.

Personal Safety

- Avoid direct eye exposure to the light source while the product is on.
- Always disconnect this product from its power source before servicing.
- Always connect this product to a grounded circuit to avoid the risk of electrocution.
- Do not touch this product's housing during operation because it may be very hot.

Mounting and Rigging

- Do not operate this product outdoors or in any location where dust, excessive heat, water, or humidity may affect it.
- Make sure there are no flammable materials close to this product while it is operating.
- When hanging this product, always secure to a fastening device using a safety cable (included).

Power and Wiring

- Always make sure you are connecting this product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.
- Never connect this product to a dimmer pack or rheostat.
- Never disconnect this product by pulling or tugging on the power cable.

Operation

- Do not operate this product if you see damage on the housing, lenses, or cables. Have the damaged parts replaced by an authorized technician at once.
- Do not cover the ventilation slots when operating to avoid internal overheating.
- The maximum ambient temperature is 104° F (40° C). Do not operate this product at a higher temperature.
- In case of a serious operating problem, stop using this product immediately!

In the unlikely event that your CHAUVET® product may require service, contact CHAUVET® Technical Support.

Expected LED Lifespan

LEDs gradually decline in brightness over time, mostly because of heat. Packaged in clusters, LEDs exhibit higher operating temperatures than in ideal, single-LED conditions. For this reason, using clustered LEDs at their fullest intensity significantly reduces the LEDs' lifespan. Under normal conditions, this lifespan can be 40,000 to 50,000 hours. If extending this lifespan is vital, lower the operating temperature by improving the ventilation around the product and reducing the ambient temperature to an optimal operating range. In addition, limiting the overall projection intensity may also help to extend the LEDs' lifespan.

2. Introduction

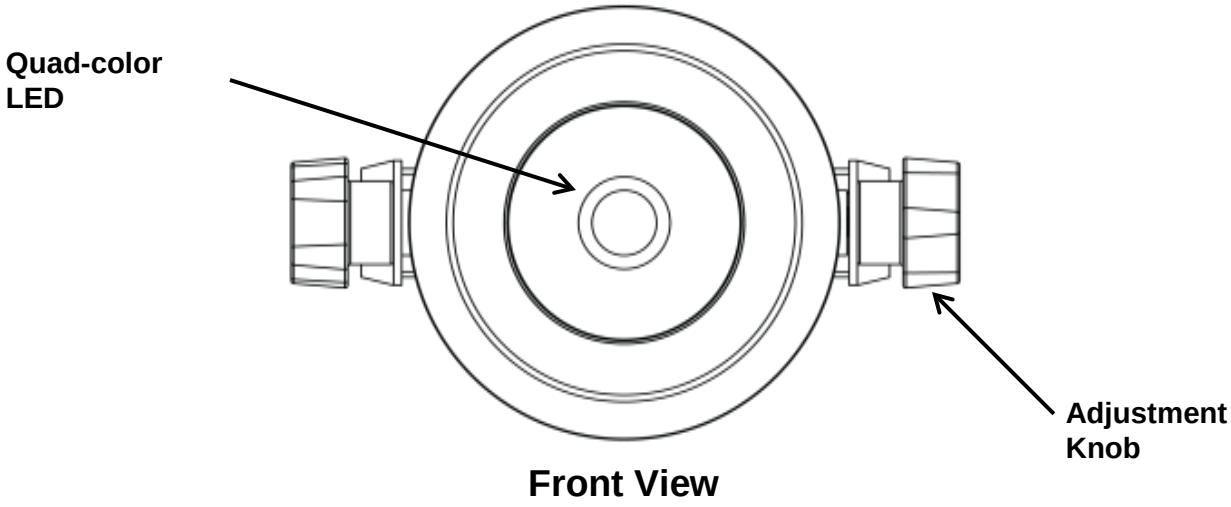
Product Description

The COLORado™ Déco Quad-1 Tour is a high-power quad color RGBW LED wash product. This product consists of a single module that houses the internal power supply, the main control, the control panel, the LED drivers, the LED boards, as well as the power and signal connectors. The COLORado™ Déco Quad-1 Tour includes one double-bracketed yoke that can be both a floor mount and hanging support bracket.

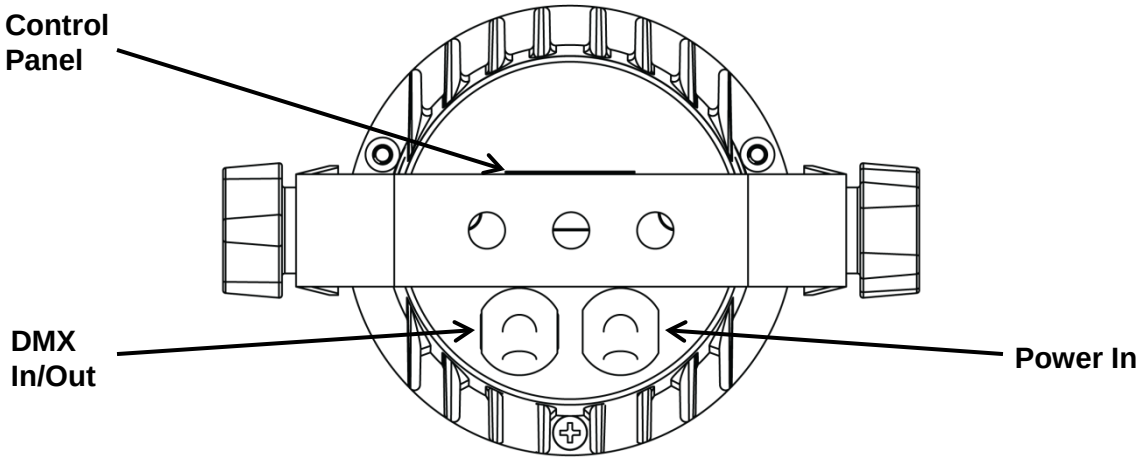
Features

- Smooth color mixing and fading
- Five distinct dimming curves
- Three button LED digital display
- DMX channels: 3, 4, 5, 6, or 9-channel
- Operating modes
  - 3-channel: RGB control
  - 3-channel: HSV control
  - 4-channel: Dimmer, RGB control
  - 4-channel: RGBW control
  - 5-channel: Dimmer, RGBW control
  - 6-channel: Dimmer, RGBW control, Strobe
  - 9-channel: Dimmer, RGBW, Macro, Strobe, Auto Program, Auto Program Speed Adjustment
- Colors LED: RGBW
- Dimmer: Electronic
- RGBW color mixing with or without DMX control
- Built-in automated programs via master/slave or DMX
- Double-bracket yoke doubles as floor stand
- Flicker-free operation

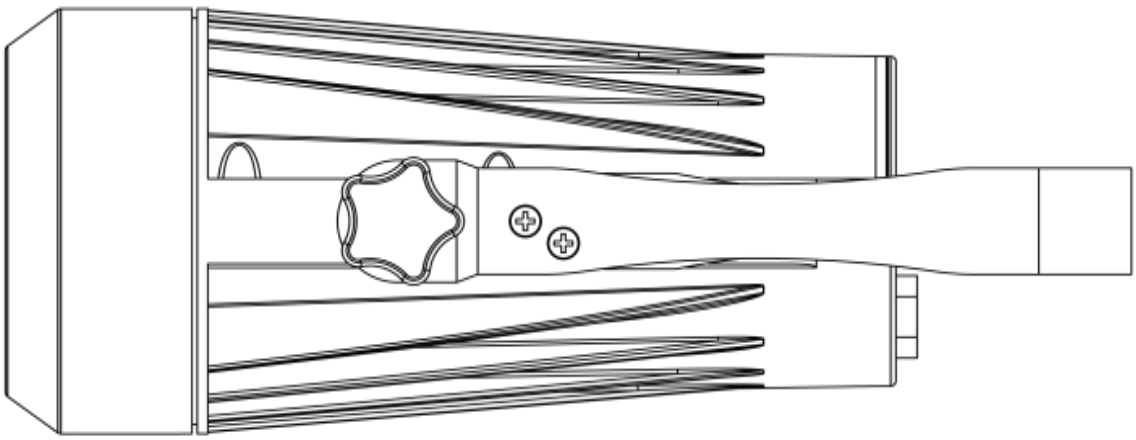
Product Overview



Front View

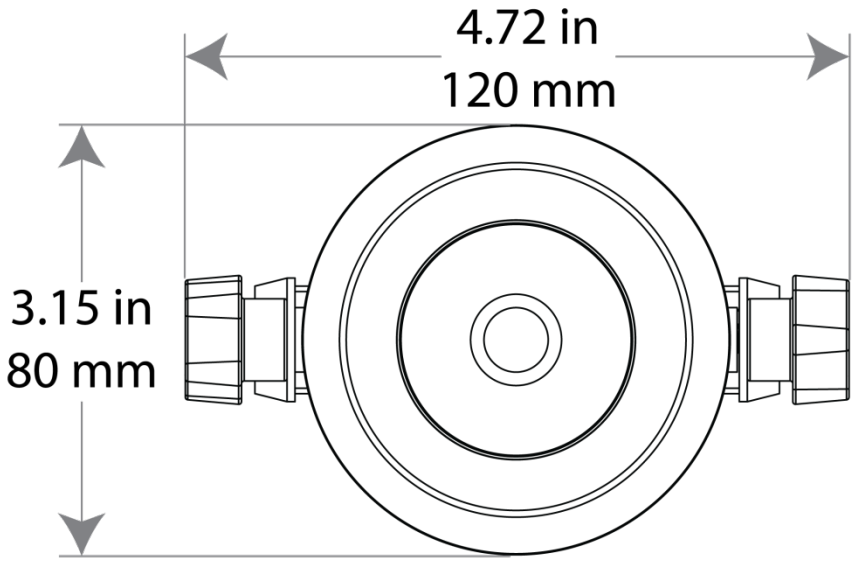


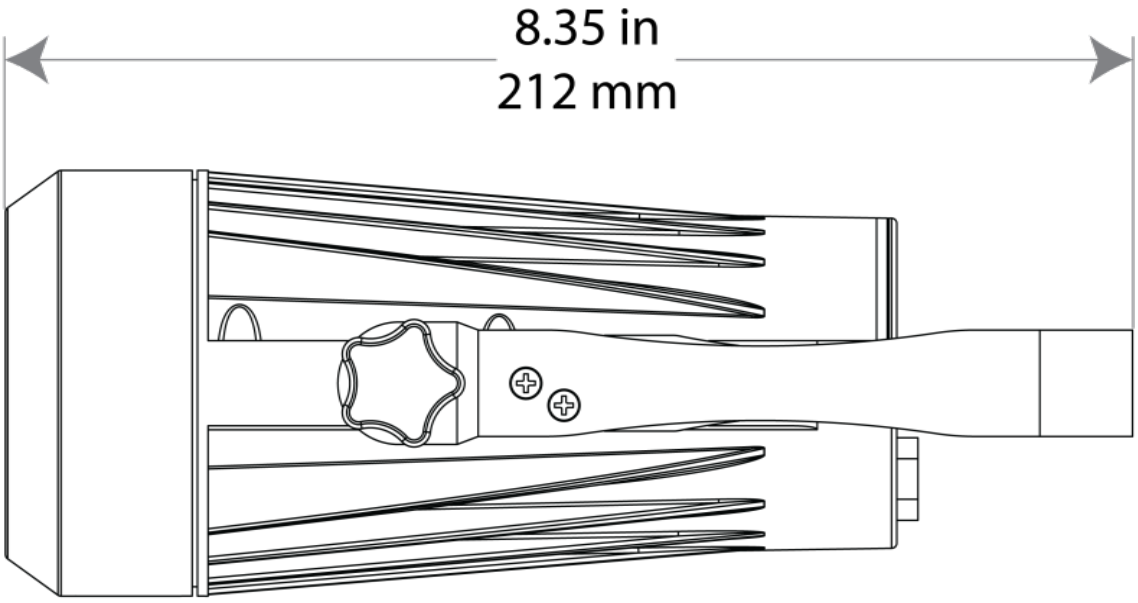
Rear View



Side View

Product Dimensions





3. Setup

AC Power

Each COLORado™ Déco Quad-1 Tour has an auto-ranging power supply that works with an input voltage range of 100–240 VAC, 50/60 Hz. To determine the power requirements for each COLORado™ Déco Quad-1 Tour, refer to the label affixed to the product. You can also refer to the Technical Specifications chart in this manual.

The listed current rating indicates the maximum current draw during normal operation. For more information, you may download Sizing Circuit Breakers from the CHAUVET® website: www.chauvetpro.com.

Always connect this product to a protected circuit with an appropriate electrical ground to avoid the risk of electrocution or fire.

Never connect this product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.

AC Plug

The COLORado™ Déco Quad-1 Tour comes with a power input cord terminated with a proprietary connector on one end and an Edison plug on the other end (U.S. market). If the power input cord that came with your product has no plug, or if you need to change the Edison plug, use the table below to wire the new plug.

Connection	Wire (U.S.)	Wire (Europe)	Screw Color
AC Live	Black	Brown	Yellow or Brass
AC Neutral	White	Blue	Silver
AC Ground	Green/Yellow	Green/Yellow	Green

DMX Linking

You can link the COLORado™ Déco Quad-1 Tour to a DMX controller using a standard DMX serial connection. If using other DMX compatible products with the COLORado™ Déco Quad-1 Tour, you can control each individually with a single DMX controller.

DMX Modes

The COLORado™ Déco Quad-1 Tour uses the standard DMX data connection for **tor**, **A1**, **A1.d**, **A2**, **A2.d**, **A2.S**, and **hSU** DMX modes.

- Refer to the Introduction chapter for a brief description of these modes.
- Refer to the Operation chapter to learn how to configure the COLORado™ Déco Quad-1 Tour to work in these modes.
- The DMX Values section will provide you with detailed information regarding the DMX modes.

Master/Slave Connectivity

The Master/Slave mode allows a COLORado™ Déco Quad-1 Tour (the “master product”) to control one or more COLORado™ Déco Quad-1 Tours (the “slave products”) without a DMX controller. One COLORado™ Déco Quad-1 Tour becomes the master product when running an Auto or Custom program, or by being in **STA** mode.

You must configure each slave product’s control panel to operate in **SLA** mode. During Master/Slave operation, the slave products will operate in unison with the master product.

DO NOT connect a DMX controller to products operating in Master/Slave mode. The DMX controller signals may interfere with the signals from the master product.

The Operation chapter of this manual provides detailed instructions on how to configure the Master and Slave products.

If you are not familiar with or need more information about DMX standards, Master/Slave connectivity, or the DMX cables needed to link this product to a DMX controller, download the DMX Primer from the CHAUVET® website www.chauvetpro.com.

Mounting

Before mounting this product, read and follow the Safety Notes in this manual.

Orientation

Always mount this product in a safe position and make sure there is adequate room for ventilation, configuration, and maintenance.

Rigging

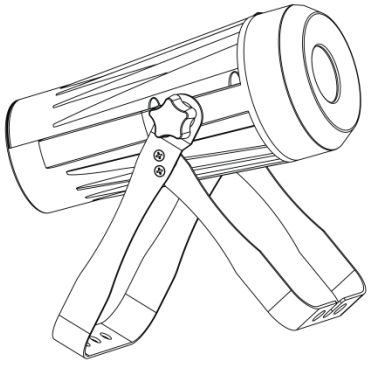
The COLORado™ Déco Quad-1 Tour consists of a double-bracketed yoke and the body of the product CHAUVET® recommends using the following general guidelines when mounting this product.

- When selecting an installation location, consider easy access to this product for operation, programming adjustments, and routine maintenance.
- Make sure to mount this product away from any flammable material as indicated in the Safety Notes.
- Never mount in places where rain, high humidity, extreme temperature changes, or restricted ventilation may affect the product.
- If hanging this product, make sure that the mounting location can support the product's weight. Refer to the Technical Specifications chart for the weight-bearing requirements of this product.
- When hanging this product, always secure to a fastening device using a safety cable (included).

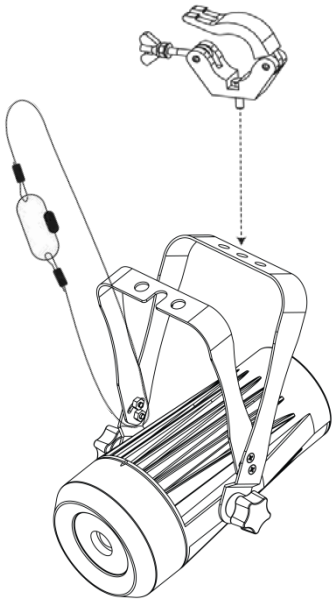
Procedure

The COLORado™ Déco Quad-1 Tour comes with a double-bracketed yoke to which you can either attach mounting clamps for hanging or simply use as a floor stand. You must supply your own mounting clamps. Make sure the clamps are capable of supporting the weight of this product. You will have to use at least one mounting point per product.

Product Mounting Diagram



Floor Mounting



Overhead Mounting

4. Operation

Control Panel Description

Button	Function
<MENU>	Enables the currently displayed menu, sets the currently selected value into the selected function or exits from the current menu or function
<UP>	Navigates upward through the menu list and increases the numeric value when in a function
<DOWN>	Navigates downward through the menu list and decreases the numeric value when in a function

Control Options

You can set the COLORado™ Déco Quad-1 Tour start address in the 001–512 DMX range. This enables control of up to 51 products in the 9-channel **TOUR** personality.

Programming

Refer to the Menu Map to understand the menu options. The menu map shows the main level and a variable number of programming levels for each option. Select **oUt** or **<MENU>** to exit back to the main menu.

DMX Personality

This setting allows you to choose a particular DMX personality.

1. Go to the **PEr** main level.
2. Select the desired personality (**tor**, **A1**, **A1.d**, **A2**, **A2.d**, **A2.S**, or **hSU**).

- **See the DMX Values section for the highest starting address you can select for each personality.**
- **Make sure that the starting addresses on the various products do not overlap due to the new personality setting.**

DMX Control

In this mode, each product will respond to a unique starting address from the DMX controller. All products with the same starting address will respond in unison.

1. Select a DMX personality as shown in DMX Personality.
2. Set the running mode:
   a. Go to the **rUN** main level.
   b. Select the **512** programming level.
3. Set the starting address:
   a. Go to **Add** main level.
   b. Select the starting address (**001–512**).

Loss of Signal Setting

This setting controls how the product will respond when the DMX signal is lost.

1. Go to the **SEt** main level, then select **drr**.
   a. Select **SAU** to make the product use the last command used when the signal is lost.
   b. Select **bLA** to turn off the all the LEDs when the signal is lost.

Static Color

The Static Color mode allows for permanent RGBW color mixing without a DMX controller.

1. Go to the **StA** main level.
2. Select the desired color (**rED**, **grN**, **BLU**, or **ytE**).
3. Select the desired color value (**000**–**255**).
4. Repeat for the other colors.
5. Select **Str**.
6. Select the desired frequency (**00**–**20**).

Auto Programs

Auto programs allow for dynamic RGBW color mixing without a DMX controller.

1. Go to **AUt**.
2. Select the desired auto (**A. 01–10**).

You cannot edit any of the auto programs (AUTO 01–10).

Master/Slave

The Master/Slave mode allows a group of COLORado™ Déco Quad-1 Tours (the slave products) to simultaneously duplicate the output of another COLORado™ Déco Quad-1 Tour (the master product) without a DMX controller.

1. Set each of the slave products:
   a. Go to **rUN**.
   b. Select **SLA**.
2. Set the master product:
   a. Set the running mode to **512** as explained in DMX Control.
   b. Select an auto program as explained in Auto Programs above, or a static mix of colors.

- **The master product is the one that runs a program whether in Auto or Static Color mode.**
- **Do not connect a DMX controller to the products configured for Master/Slave operation. The DMX controller may interfere with signals from the master product.**
- **The master product should be the first product in the daisy chain.**

Color Settings

The **CoL** setting determines how the COLORado™ Déco Quad-1 Tour generates the white color based on various RGB settings.

1. Go to the **SEt** main level.
2. Select **COL**.
3. Select **oFF**, **rgb**, or **UC**.

oFF: When all the RGB faders are set to **255**, the output is maximum, although the resulting white color may not be balanced.

rgb: When all the RGB faders are set to **255**, the resulting output is defined by the configured White color (see White Calibration).

UC: When all the RGB faders are set to **255**, the output matches that of less efficient products (Universal Color).

Dimmer Curves

This setting determines how fast the output of the COLORado™ Déco Quad-1 Tour changes when you modify the values of the Red, Green, Blue, White, and Dimmer faders. This setting provides four different options to simulate the dimming curve of an incandescent lighting product.

1. Go to the **SEt** main level.
2. Select **diN**.
3. Select a dimmer curve (**oFF**, **1**, **2**, **3**, or **4**).

oFF: The output is proportional (linear) to the Dimmer and RGBW channel values.

1–4: The output follows the Dimmer and RGBW channel values based on the corresponding dimmer curve, being **1** the fastest and **4** the slowest.

Control Panel Lock

This setting enables you to activate or disable the control panel lock.

1. Go to the **LoC** main level.
2. Select **oN** or **oFF**.

When the control panel lock is active, the product will prompt you to enter the password after 30 seconds of control panel inactivity.

Password

After being prompted to enter the password:

Press **<UP>, <DOWN>, <UP>, <DOWN>, <MENU>**.

Reset

This setting allows you to reset the COLORado™ Déco Quad-1 Tour to the default values, including the custom programs.

1. Go to the **SEt** main level.
2. Select **rSt**.
3. Enter the master access password as described in Password.
4. Wait for the reset process to finish.

Whites Setting

This setting allows you to select and edit the temperature of the white colors used in channel 6 (Macros) when in the **tor** mode.

1. Go to the **CAL** main level.
2. Enter the master access password as described in Password.
3. Go to **ytE**.
4. Select a white color (**y.01–11**).
5. Select a color (**rEd**, **grN**, **bLU**, or **yte**).
6. Select a color value (**000–255**).
7. Repeat for the other colors.

White Calibration

This setting allows you to select the white color shown by the COLORado™ Déco Quad-1 Tour when the color setting is **rgb** and the DMX controller's Red, Green, and Blue faders are set to "255."

1. Go to the **CAL** main level.
2. Enter the master access password as described in Password.
3. Go to **rgb**.
4. Select a color (**rEd**, **grN**, or **bLU**).
5. Select a color value (**000–255**).
6. Repeat for the other colors.

When selecting CAL > rgb, you will only be able to define the values of RED, GREEN, and BLUE.

The values of RED, GREEN, and BLUE configured from CAL > rgb will define the color temperature shown when the RGB faders are set to "255" if SEt > CoL > rgb is active.

TOUR Notes

These notes clarify the way the **tor** DMX personality works.

Master Dimmer

- Channel 1 controls the intensity of the currently projected color.
- When the slider is at the highest position (**100%**), the intensity of the output is at maximum.

Red, Green, Blue, and White Color Selection

- Channels 2 through 5 control the intensity ratio of each of the Red, Green, Blue, and White LEDs.
- When these channels are at the highest position (**100%**), the intensity of each color is at maximum if **SEt > CoL** is **OFF**.
- You can combine channels 2 through 5 to create over one trillion colors.

Color Macros

- Channel 6 selects the required Color Macro.
- Channel 6 has priority over channels 2 through 6.
- Channel 1 controls the intensity of the Color Macro.

Strobe

- Channel 7 controls the strobe frequency (not the intensity) of channels 2 through 6.
- Channel 7 can strobe channels 2 through 5 when not running macros, allowing the individual faders (R, G, B, and W), as well as channel 1 (D), to control the output intensity.
- Channel 7 can strobe channel 6 when running macros, allowing channel 6 to select the macro and channel 1 to control the output intensity.

Auto/Custom

- Channel 8 selects the preset auto programs **A.01–10** Channel 8 has priority over channels 2 through 7.
- Channel 9 controls the speed at which each auto program plays.

Menu Map

Main Level	Programming Levels						Description
StA	rEd.			000–255			Combine Red, Green, Blue, and White to make a custom color
	grN						
	bLU						
	ytE.						
	Str			000–020			Selects the strobe frequency (0–20 Hz)
	oUt						Exits to main level
AUt	A.			01–10			10 automatic programs
rUN	512						DMX mode
	SLA						Master/Slave mode
Add	000–512						Selects the DMX starting address
PEr	tor						9 Channels: R/G/B/W, dimmer, strobe, color macro, auto, auto speed
	A1						3-channel: R/G/B control
	A1.d						4-channel: R/G/B, dimmer
	A2						4-channel: R/G/B/W control
	A2.d						5-channel: R/G/B/W, dimmer
	A2.S						6-channel: R/G/B/W, dimmer, strobe
	hSU						3-channel: HSV control
SEt	UPL			IIII (Enter Passcode)			Reserved for future use
	rSt.			IIII (Enter Passcode)			Defaults product to factory settings
	CoL			oFF			RGB set to “255” = max. output
				rgb			RGB set to “255” = balanced white
				UC.			Universal color balance
	diN.			oFF			No dimmer
				1			Dimmer curve
				2			
				3			
				4			
	drr			SAU			All LEDs stay on the last command used when the DMX signal is lost
				bLA			All LEDs turn off when DMX signal is lost
	oUt						Exits to main level
LoC	oN						Turns the password on or off
	oFF						
CAL	IIII (Enter Pass code)	ytE	y.	01–11	rEd.	000–255	Modifies the color macros used in the tor personality
					grN		
					bLU		
					ytE.		
		oUt					Exits to previous level
		rgb		rEd.		000–255	Defines the color temperature used when CoL is set to rgb.
				grN			
				bLU			
		oUt					Exits to previous level

DMX Values

tor (TOUR)

Channel	Function	Value	Percent/Setting
1	**Dimmer**	000 ó 255	0–100%
2	**Red**	000 ó 255	0–100%
3	**Green**	000 ó 255	0–100%
4	**Blue**	000 ó 255	0–100%
5	**White**	000 ó 255	0–100%
6	**Color Macro + White Balance**	000 ó 010	No Function
		011 ó 030	R: 100% G: 0–100% B: 0
		031 ó 050	R: 100%–0 G: 100% B: 0
		051 ó 070	R: 0 G: 100% B: 0–100%
		071 ó 090	R: 0 G: 100%–0 B: 100%
		091 ó 110	R: 0–100% G: 0 B: 100%
		111 ó 130	R: 100% G: 0 B: 100%–0
		131 ó 150	R: 100% G: 0–100% B: 0–100%
		151 ó 170	R: 100%–0 G: 100%–0 B: 100%
		171 ó 200	R: 100% G: 100% B: 100% W: 100%
		201 ó 205	White 1
		206 ó 210	White 2
		211 ó 215	White 3
		216 ó 220	White 4
		221 ó 225	White 5
		226 ó 230	White 6
		231 ó 235	White 7
		236 ó 240	White 8
		241 ó 245	White 9
		246 ó 250	White 10
		251 ó 255	White 11
7	**Strobe**	000 ó 009	No Function
		010 ó 255	0–20 Hz
8	**Programs**	000 ó 040	No Function
		041 ó 050	Auto 1
		051 ó 060	Auto 2
		061 ó 070	Auto 3
		071 ó 080	Auto 4
		081 ó 090	Auto 5
		091 ó 100	Auto 6
		101 ó 110	Auto 7
		111 ó 120	Auto 8
		121 ó 130	Auto 9
		131 ó 255	Auto 10
9	**Auto Speed**	000 ó 255	0–100% (Only when using Auto)

A1 (ARC.1)

Channel	Function	Value	Percent/Setting
1	Red	000 ó 255	0–100%
2	Green	000 ó 255	0–100%
3	Blue	000 ó 255	0–100%

A1.d (AR1.d)

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0–100%
2	Red	000 ó 255	0–100%
3	Green	000 ó 255	0–100%
4	Blue	000 ó 255	0–100%

A2 (ARC.2)

Channel	Function	Value	Percent/Setting
1	Red	000 ó 255	0–100%
2	Green	000 ó 255	0–100%
3	Blue	000 ó 255	0–100%
4	White	000 ó 255	0–100%

A2.D (AR2.d)

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0–100%
2	Red	000 ó 255	0–100%
3	Green	000 ó 255	0–100%
4	Blue	000 ó 255	0–100%
5	White	000 ó 255	0–100%

A2.S (AR2.s)

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0–100%
2	Red	000 ó 255	0–100%
3	Green	000 ó 255	0–100%
4	Blue	000 ó 255	0–100%
5	White	000 ó 255	0–100%
6	Strobe	000 ó 009 010 ó 255	No Function 0–20 Hz

hSU (HSV)

Channel	Function	Value	Percent/Setting
1	Hue	000 ó 255	0–100%
2	Saturation	000 ó 255	0–100%
3	Value	000 ó 255	0–100%

5. Technical Information

Product Maintenance

To maintain optimum performance and minimize wear, you should clean this product frequently. Usage and environment are contributing factors in determining the cleaning frequency.

As a rule, clean this product at least twice a month. Dust build-up reduces light output performance and can cause overheating. This can lead to reduced light source life and increased mechanical wear.

To clean your product:

- Unplug the product from power.
- Wait until the product is at room temperature.
- Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external vents.
- Clean all external surfaces with a mild solution of non-ammonia glass cleaner or isopropyl alcohol.
- Apply the solution directly to a soft, lint-free cotton cloth or a lens cleaning tissue.
- Wipe any dirt or grime to the outside edges of the lens surface.
- Gently polish the lens surfaces until they are free of haze and lint.

Always dry the external surfaces thoroughly and carefully after cleaning them.

Returns

You must send the product prepaid, in the original box, and with the original packing and accessories. CHAUVET® will not issue call tags.

Call CHAUVET® and request a Return Merchandise Authorization (RMA) number before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause(s) for the return.

Clearly label the package with an RMA number. CHAUVET® will refuse any product returned without an RMA number.

DO NOT write the RMA number directly on the box. Instead, write it on a properly affixed label.

Once you have received the RMA number, include the following information on a piece of paper inside the box:

- Your name
- Your address
- Your phone number
- The RMA number
- A brief description of the problem(s)

Be sure to pack the product properly. Any shipping damage resulting from inadequate packaging will be the customer's responsibility. FedEx packing or double-boxing are recommended.

CHAUVET® reserves the right to use its own discretion to repair or replace returned product(s).

Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
4.72 in (120 mm)	3.15 in (80 mm)	8.35 in (212 mm)	2.2 lbs (1 kg)

Note: Dimensions in inches rounded to the nearest decimal digit.

Electrical

Power Supply Type	Range	Voltage Selection
Switching (internal)	100 to 240 VAC, 50/60 Hz	Auto-ranging

Parameter	120 V, 60 Hz	230 V, 50 Hz
Consumption	15 W	50 W
Operating	.122 A	1 A / 1 A

Power I/O	US/Worldwide	Europe
Power input connector	Hard Wire	Hard Wire
Power output connector	Proprietary	Proprietary
Power cord plug	Edison (US)	Local plug

Light Source

Type	Power	Lifespan
LED	10 W Quad Color	50,000 hours

Color	Quantity	Current
Red	1	582 mA
Green	1	751 mA
Blue	1	760 mA
White	1	762 mA

Photo Optic

Parameter	Standard 25º Optics
Illuminance @ 5 m	225 lux
Beam angle	12.5°
Field angle	24°
Strobe rate	0–20 Hz

Thermal

Max. External Temperature	Cooling System
104° F (40° C)	Convection

DMX

I/O Connectors	Connector Type	Channel Range
3-pin XLR	Sockets	3, 4, 5, 6, 9

Ordering

Product	Item Code	UPC Number
COLORado™ Déco Quad-1 Tour	01030570	781462209186

Contact Us

World Headquarters
CHAUVET®

General Information

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Outside the U.S., United Kingdom, or Ireland, contact your dealer. Follow their instructions to request support or to return a product. Visit our website for contact details.

UL 1573
CSA C22.2 No. 166
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